

### Abstract of the Disclosure

This invention provides for a composition comprising a fucosyl GM1 ganglioside or an oligosaccharide thereof conjugated to an immunogenic protein, an adjuvant, the amounts thereof being effective to stimulate or enhance antibody production in a subject, and a pharmaceutically acceptable carrier. This invention also provides a method of stimulating antibody production in a subject which comprises administering to the subject an effective amount of the above-described composition to stimulate antibody production. This invention also provides a method of enhancing antibody production in a subject which comprises administering to the subject an effective amount of the above-described composition to enhance antibody production. This invention also provides a method of preventing cancer in a subject which comprises administering to the subject an amount of the above-described composition effective to prevent cancer. This invention also provides a method of treating cancer in a subject which comprises administering to the subject an amount of the above-described composition effective to treat cancer.